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RPTO/SB/21 (08-00)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	09/683,264	
	<b>Filing Date</b>	December 5, 2001	
	<b>First Named Inventor</b>	Sani-Rose	
	<b>Group Art Unit</b>	1631	
	<b>Examiner Name</b>	Channing, M.	
<b>Total Number of Pages in This Submission</b>	5	<b>Attorney Docket Number</b>	018547-048820US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>1) Return receipt postcard</b> <b>2) Fourteen (14) references</b>
<b>Remarks</b>		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. <b>Total number of pages <u>does not</u> include cited references.</b>

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm and Individual name</b>	Townsend and Townsend and Crew LLP Daniel Mao Reg No. 51,995
<b>Signature</b>	
<b>Date</b>	December 10, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: December 10, 2004			
<b>Typed or printed name</b>	Christopher R. Fitting		
<b>Signature</b>		<b>Date</b>	December 10, 2004

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60375319 v1



PATENT  
Attorney Docket No.: 018547-048820US  
Client Reference No.: 3407.2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Michael A. Siani-Rose et al.

Application No.: 09/683,264

Filed: December 5, 2001

For: COMPUTER SOFTWARE FOR  
AUTOMATED ANNOTATION OF  
BIOLOGICAL SEQUENCES

Examiner: Mahatan Channing

Art Unit: 1631

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

Applicant believes that no fee is required for submission of this statement.

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Respectfully submitted,

A handwritten signature in black ink, appearing to read "Daniel Mao". The signature is fluid and cursive, with the first name "Daniel" and last name "Mao" clearly distinguishable.

Daniel Mao  
Reg. No. 51,995

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete if Known**

Application Number	09/683,264
Filing Date	December 5, 2001
First Named Inventor	Sani-Rose
Art Unit	1631
Examiner Name	Mahatan Channing
Attorney Docket Number	018547-048820US

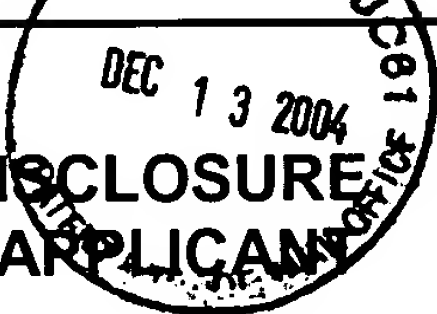
Sheet	1	of	2
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Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO					<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)					Application Number	09/683,264
			Filing Date	December 5, 2001		
			First Named Inventor	Sani-Rose		
			Art Unit	1631		
			Examiner Name	Mahatan Channing		
Sheet	2	of	2	Attorney Docket Number	018547-048820US	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	AA	ALTSCHER et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <u>Nuc. Acids Res.</u> , 25(17):3389-3402 (1997).		
	AB	APWEILER et al., "The InterPro database, an integrated documentation resource for protein families, domains and functional sites," <u>Nuc. Acids Res.</u> , 29(1):37-40 (2001).		
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	AE	BARRETT et al., "Scoring hidden Markov models," <u>CABIOS</u> , 13(2):191-199 (1997).		
	AF	BATEMAN et al., "The Pfam Protein Families Database," <u>Nuc. Acids Res.</u> , 28(1):263-266 (2000).		
	AG	BIRNEY et al., "Using <i>Genewise</i> in the <i>Drosophila</i> Annotation Experiment," <u>Genome Research</u> , 10:547-548 (2000).		
	AH	BRENNER et al., "SCOP: A Structural Classification of Proteins Database for the Investigation of Sequences and Structures," <u>J. Mol. Biol.</u> , 247:536-540 (1995).		
	AI	GEETHA et al., "Comparing protein sequence-based and predicted secondary structure-based methods for identification of remote homologs," <u>Protein Engineering</u> , 12(7):527-534 (1999).		
	AJ	GRUNDY et al., "Meta-MEME: motif-based hidden Markov models of protein families," <u>CABIOS</u> , 13(4):397-406 (1997).		
	AK	HARGBO et al., "Hidden Markov Models That Use Predicted Secondary Structures For Fold Recognition," <u>PROTEINS: Structure, Function, and Genetics</u> , 36:68-76 (1999).		
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	AM	REESE et al., "Genie--Gene Finding in <i>Drosophila melanogaster</i> ," <u>Genome Research</u> , 10:529-538 (2000).		
	AN	SILVERSTEIN et al., "The MetaFam Server: a comprehensive protein family resource," <u>Nuc. Acids Res.</u> , 29(1):49-51 (2001).		

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